

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048195.D
 Acq On : 22 Apr 2022 00:49
 Operator : SY/MD
 Sample : N2488-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J95

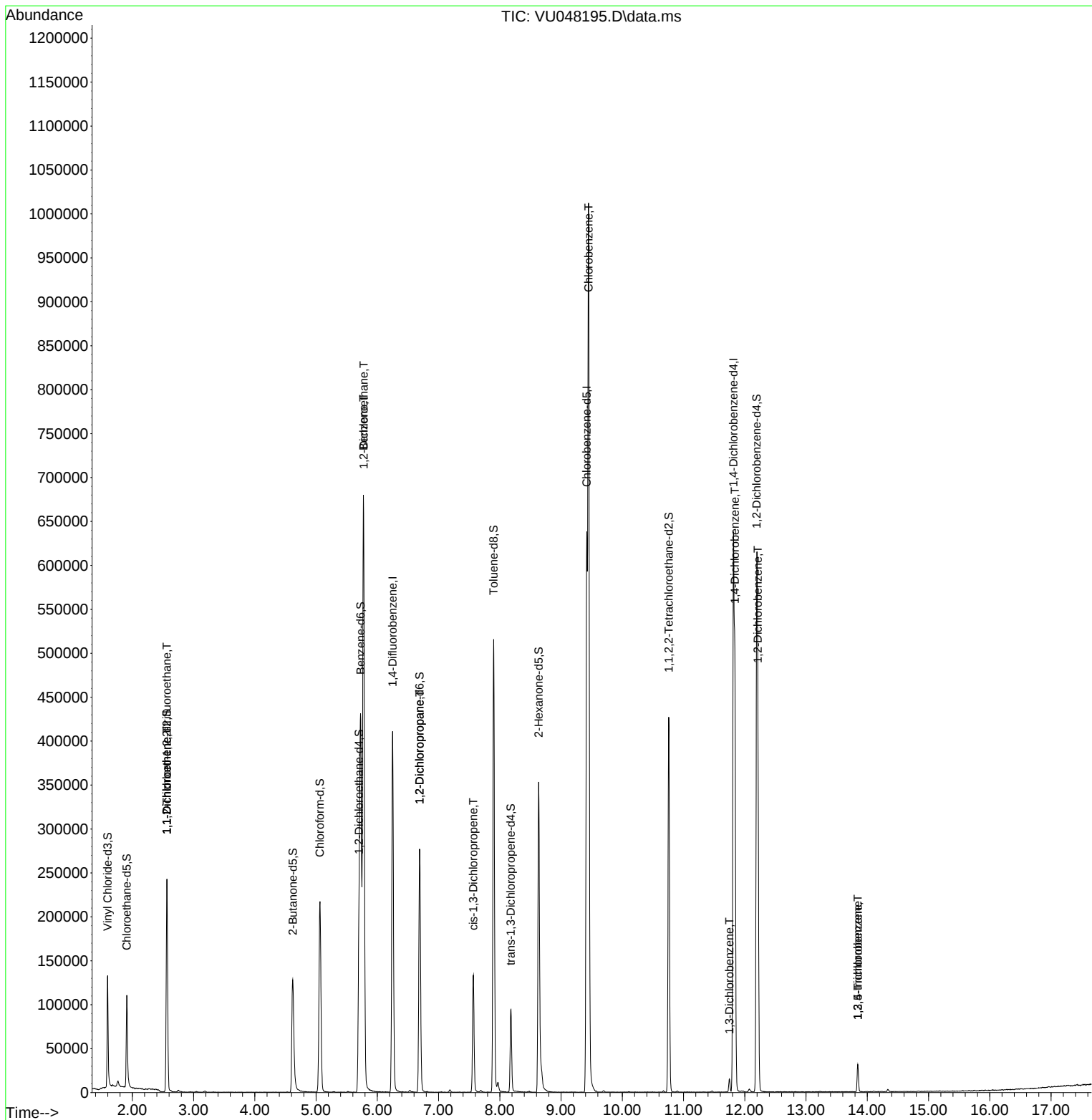
Quant Time: Apr 22 06:36:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

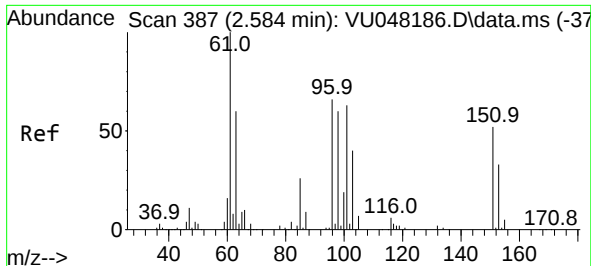
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	352096	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	367197	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	173171	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99610	39.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.020%		
7) Chloroethane-d5	1.909	69	87805	43.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.220%		
11) 1,1-Dichloroethene-d2	2.565	63	139225	29.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.600%#		
21) 2-Butanone-d5	4.620	46	188408	85.971	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.970%		
24) Chloroform-d	5.063	84	208262	44.578	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.160%		
26) 1,2-Dichloroethane-d4	5.700	65	131127	45.763	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.520%		
32) Benzene-d6	5.729	84	411924	44.582	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.160%		
36) 1,2-Dichloropropane-d6	6.690	67	139168	49.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.080%		
41) Toluene-d8	7.899	98	351097	39.001	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.000%#		
43) trans-1,3-Dichloroprop...	8.179	79	53511	37.223	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.440%		
47) 2-Hexanone-d5	8.636	63	119218	71.769	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.770%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212922	43.723	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.440%		
66) 1,2-Dichlorobenzene-d4	12.195	152	152947	49.644	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.280%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1415	0.545	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1174	0.486	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	5086	1.361	ug/L #	75
33) Benzene	5.774	78	663304	62.407	ug/L	100
37) 1,2-Dichloropropane	6.690	63	13509	5.000	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3066	0.731	ug/L #	51
51) Chlorobenzene	9.449	112	566788	71.578	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	6988	1.343	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	191908	35.617	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	140100	26.916	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	11004	2.605	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	11004	2.974	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Apr 22 06:36:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 02:51:38 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.545 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

Lab File: VU048195.D

Acq: 22 Apr 2022 00:49

Instrument :

MSVOA_V

ClientSampleId :

C0J95

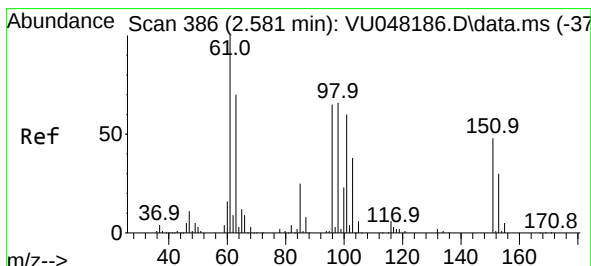
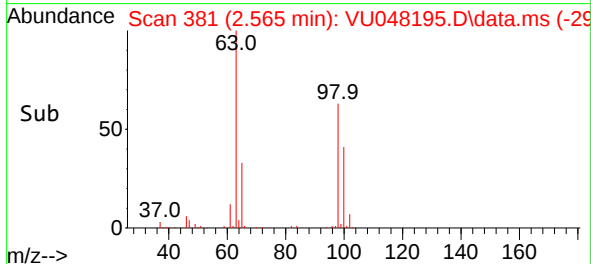
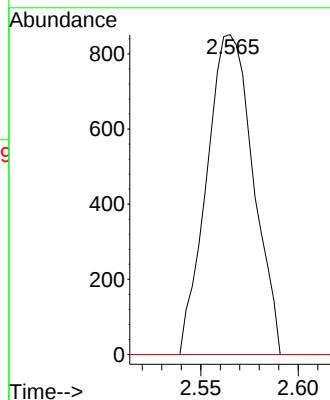
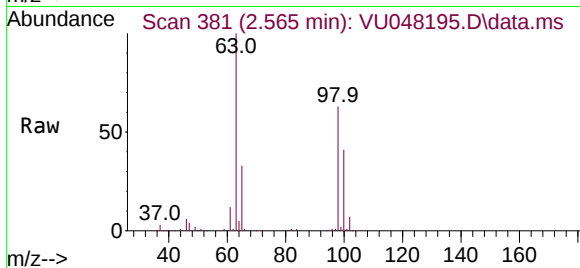
Tgt Ion:101 Resp: 1415

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.0 94.6#



#12

1,1-Dichloroethene

Concen: 0.486 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU048195.D

Acq: 22 Apr 2022 00:49

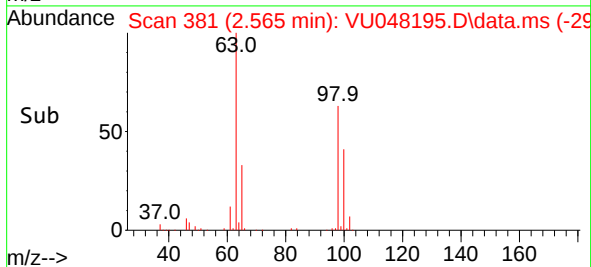
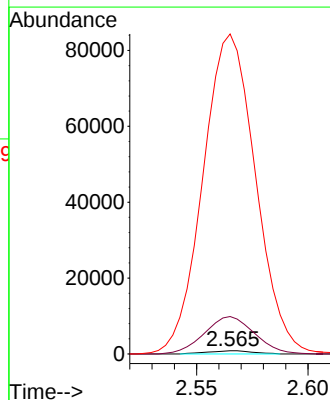
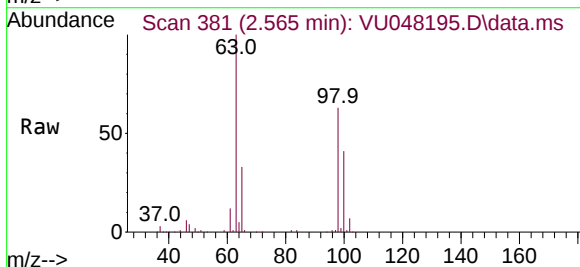
Tgt Ion: 96 Resp: 1174

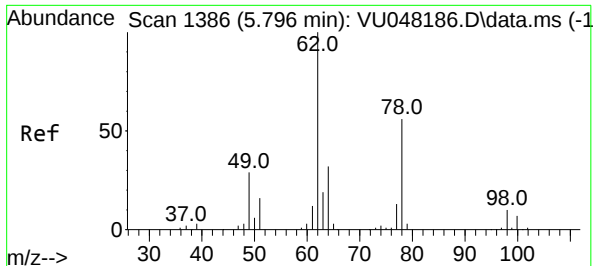
Ion Ratio Lower Upper

96 100

61 1177.5 113.1 210.1#

63 10076.9 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 1.361 ug/L

RT: 5.777 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU048195.D

Acq: 22 Apr 2022 00:49

Instrument :

MSVOA_V

ClientSampleId :

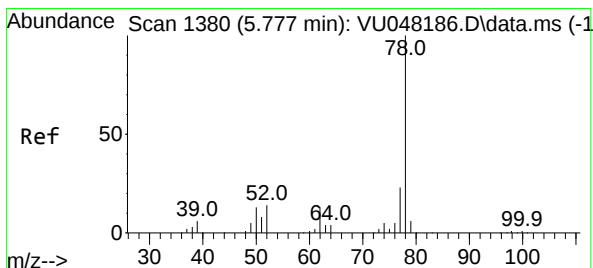
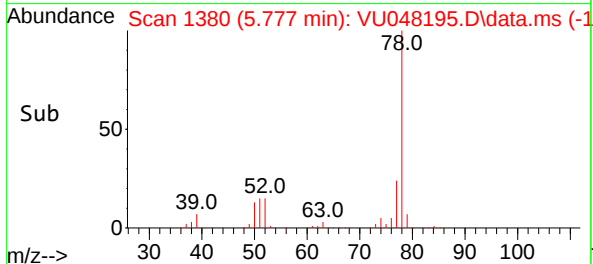
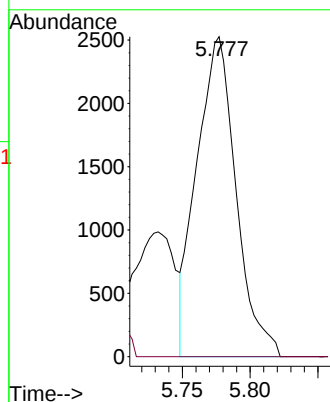
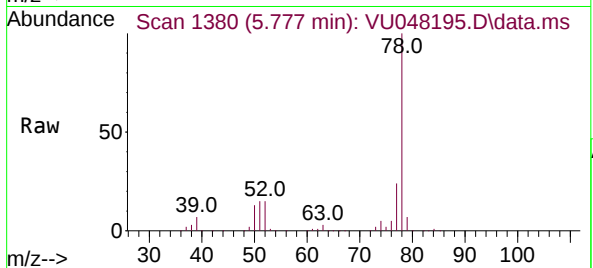
C0J95

Tgt Ion: 62 Resp: 5086

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 62.407 ug/L

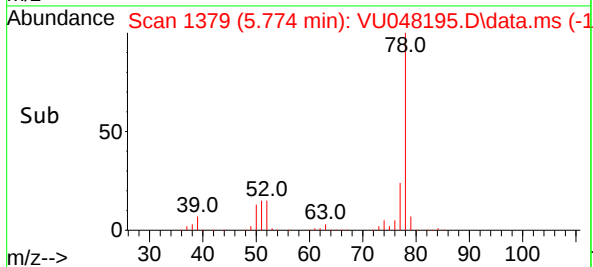
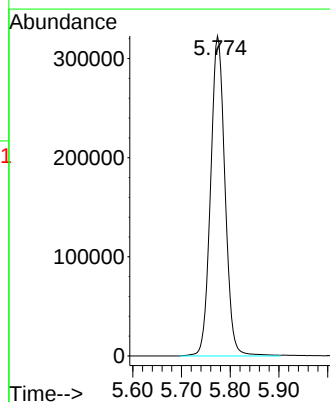
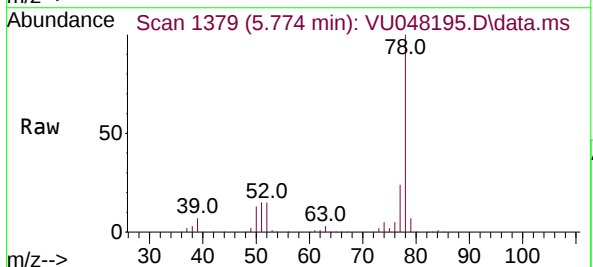
RT: 5.774 min Scan# 1379

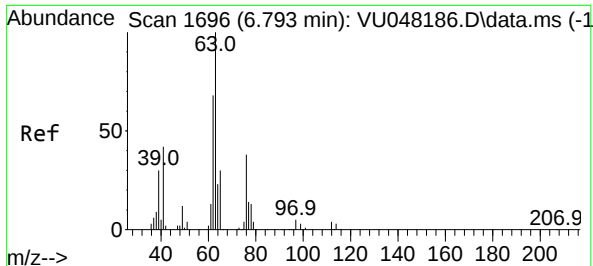
Delta R.T. -0.003 min

Lab File: VU048195.D

Acq: 22 Apr 2022 00:49

Tgt Ion: 78 Resp: 663304





#37

1,2-Dichloropropane

Concen: 5.000 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048195.D

Acq: 22 Apr 2022 00:49

Instrument :

MSVOA_V

ClientSampleId :

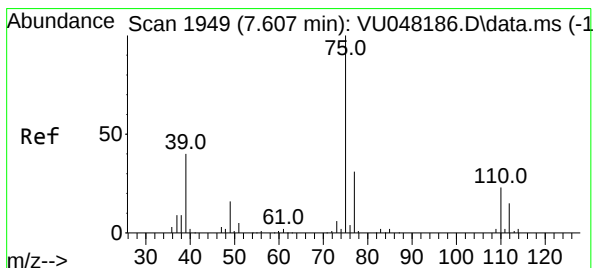
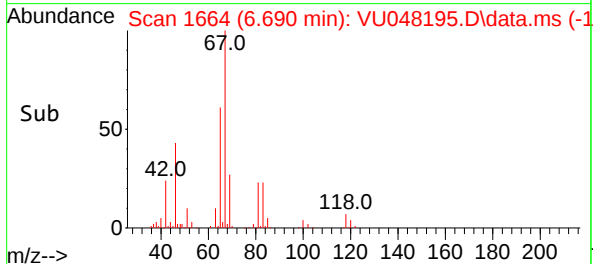
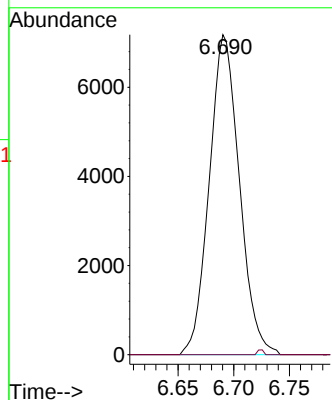
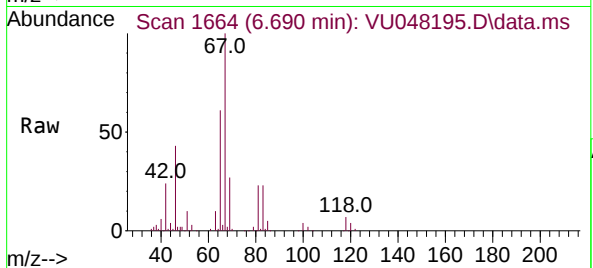
C0J95

Tgt Ion: 63 Resp: 13509

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.731 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU048195.D

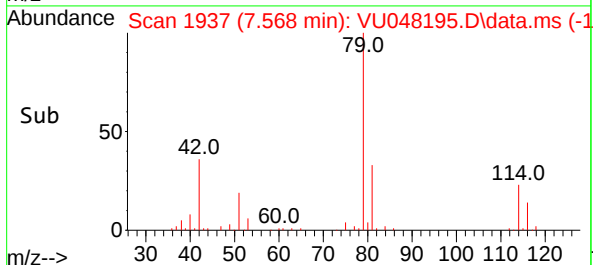
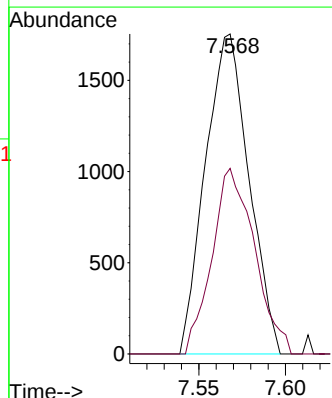
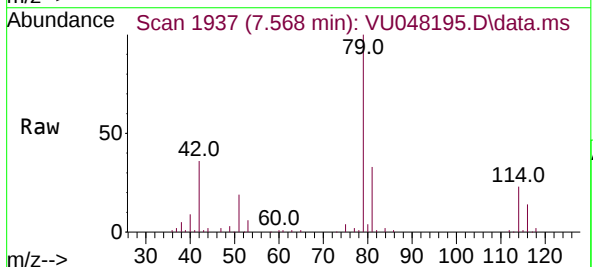
Acq: 22 Apr 2022 00:49

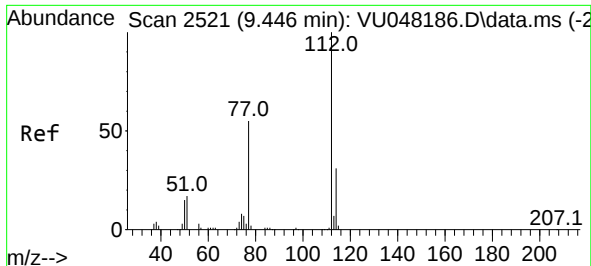
Tgt Ion: 75 Resp: 3066

Ion Ratio Lower Upper

75 100

77 58.0 21.8 40.6#

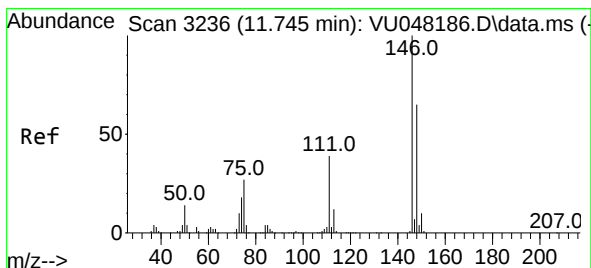
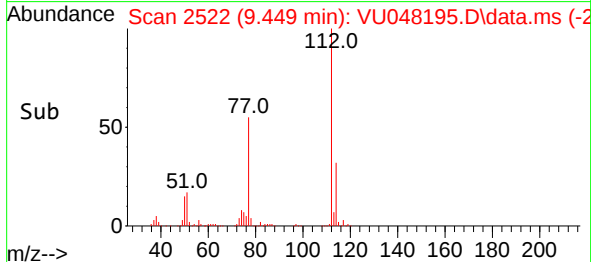
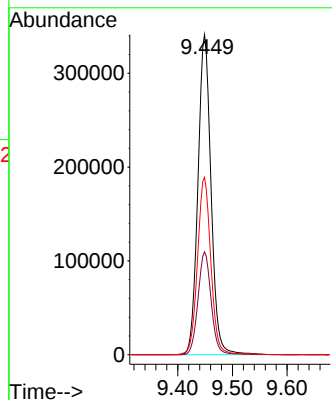
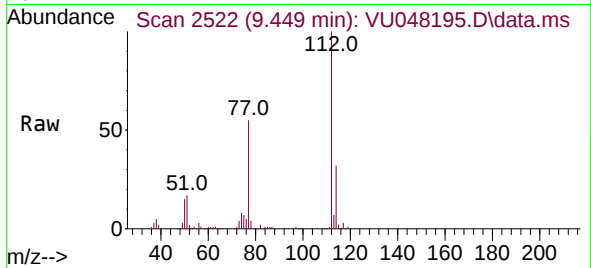




#51
Chlorobenzene
Concen: 71.578 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048195.D
Acq: 22 Apr 2022 00:49

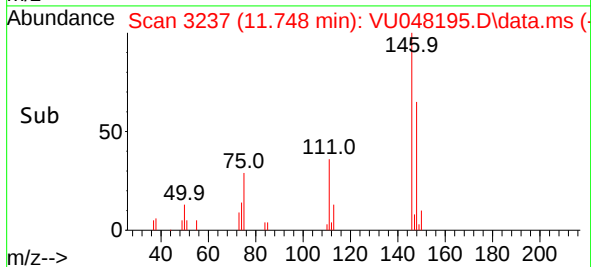
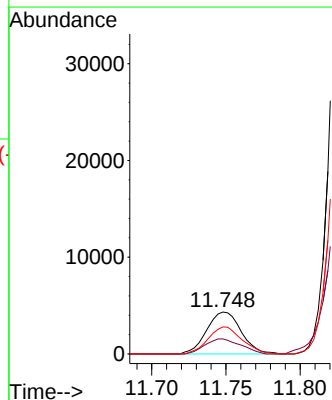
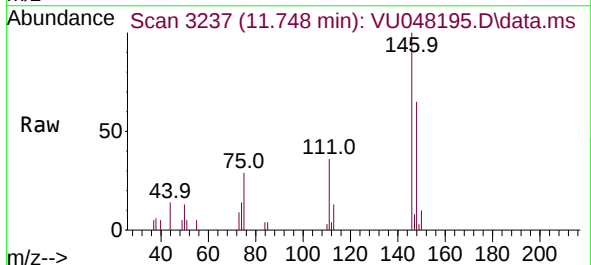
Instrument :
MSVOA_V
ClientSampleId :
C0J95

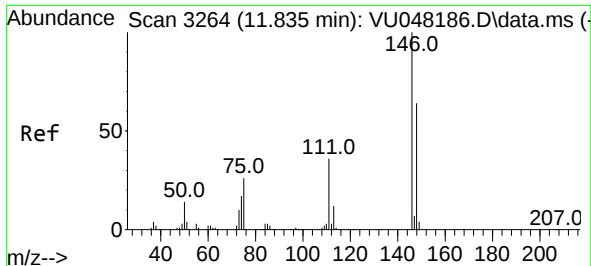
Tgt Ion:112 Resp: 566788
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 55.4 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 1.343 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048195.D
Acq: 22 Apr 2022 00:49

Tgt Ion:146 Resp: 6988
Ion Ratio Lower Upper
146 100
111 35.9 26.7 49.7
148 64.6 44.4 82.5

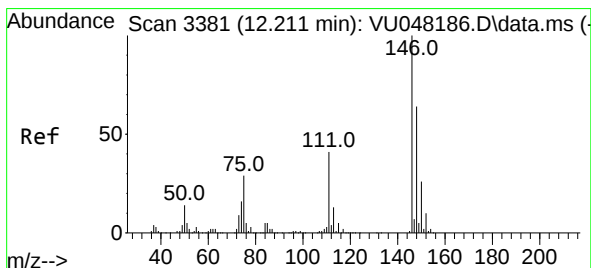
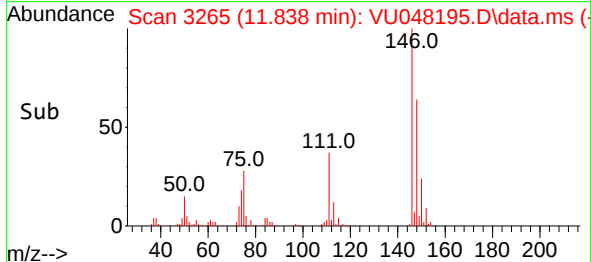
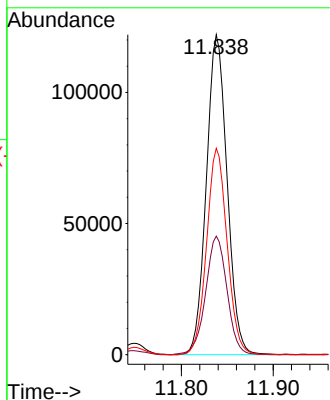
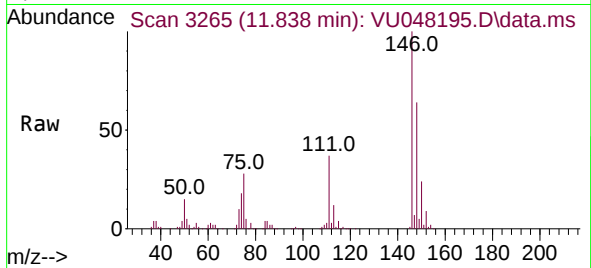




#65
1,4-Dichlorobenzene
Concen: 35.617 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048195.D
Acq: 22 Apr 2022 00:49

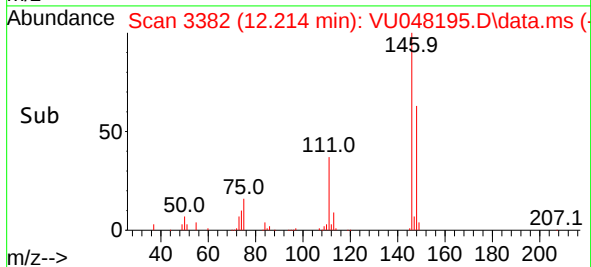
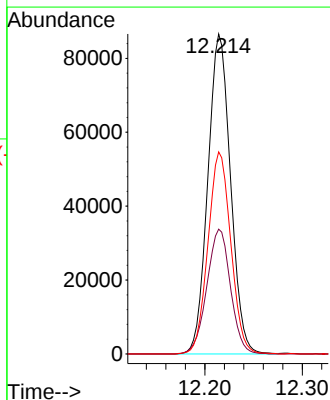
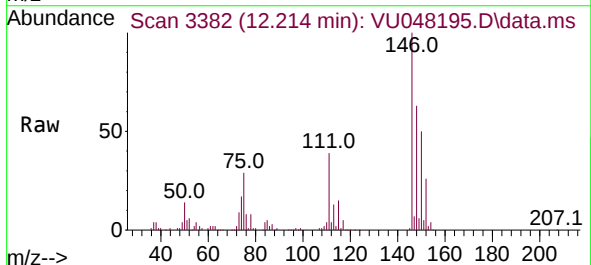
Instrument :
MSVOA_V
ClientSampleId :
C0J95

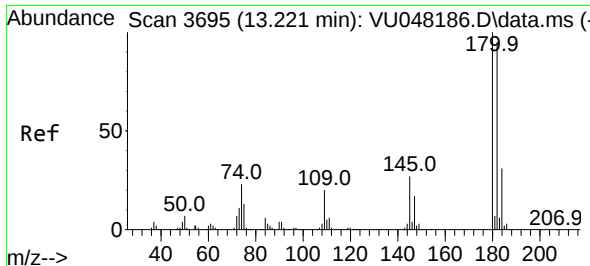
Tgt Ion:146 Resp: 191908
Ion Ratio Lower Upper
146 100
111 37.1 25.3 47.1
148 64.5 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 26.916 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048195.D
Acq: 22 Apr 2022 00:49

Tgt Ion:146 Resp: 140100
Ion Ratio Lower Upper
146 100
111 39.0 31.7 47.5
148 63.1 51.4 77.2

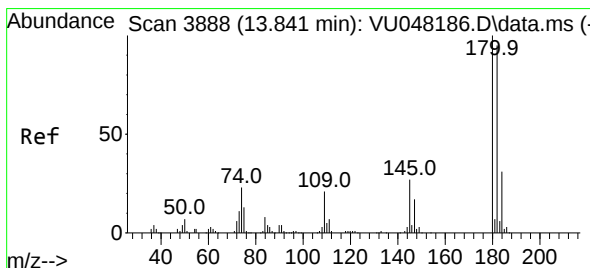
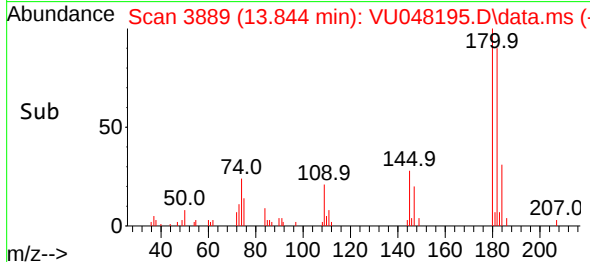
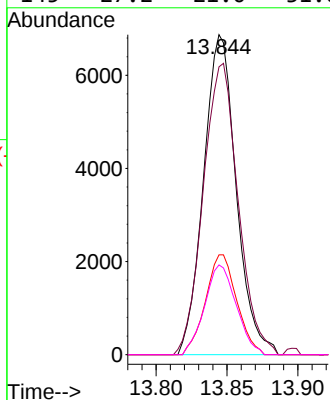
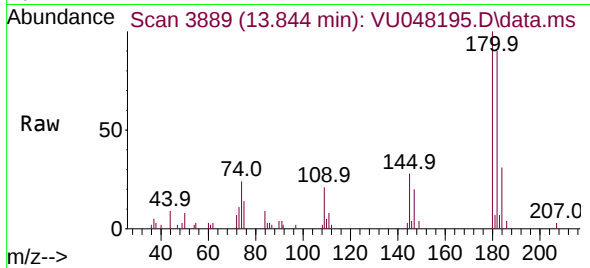




#69
 1,3,5-Trichlorobenzene
 Concen: 2.605 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.624 min
 Lab File: VU048195.D
 Acq: 22 Apr 2022 00:49

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J95

Tgt Ion:180	Resp:	11004
Ion Ratio	Lower	Upper
180	100	
182	97.2	77.0 115.6
184	29.9	24.5 36.7
145	27.2	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 2.974 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU048195.D
 Acq: 22 Apr 2022 00:49

Tgt Ion:180	Resp:	11004
Ion Ratio	Lower	Upper
180	100	
182	97.2	76.2 114.2
145	27.2	21.8 32.8

